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FORM			First Named Inventor	Mark Pan	Mark Parrington CENTRAL FAX GENTER				
			Art Unit	ТВЮ	TEC 2 5 2007		<del>67</del>		
(to be used for all correspondence after initial filing)			Examiner Name	TBO	TBO DEC 2 0 2001				
Total Number of Pages in This Submission 15			15	Attorney Docket Number	API-03-15	API-03-13-PCT-US			
ENCLOSURES (Check all that apply)									
Fee Transmittal Form				Drawing(s)		After Allowance Communication to TC			
Fee Attached							al Communication to peals and Interferen		
Amendment/Reply							al Communication to al Notice, Brief, Reply		
After Final				Petition to Convert to a Provisional Application		Proprietary Information			
Affidavits/declaration(s)				Power of Attorney, Revocation Change of Correspondence Addres		Statu	s Letter		
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Decument(a)				Applicants do not believe any petitions or fees are due with this response. If this is in error, all					
Reply to Missing Parts/ such p			such per	atitions are hereby made. If any fees are due, the Commissioner is authorized to deduct to fees from Deposit Account No. 50-0244.					
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		SIGNA	TURE C	OF APPLICANT, ATT	CORNEY, C	OR AGENT			
Firm Name	Patrick J. Halloran, Ph.D., J.D.								
Signature	Signature								
Printed name	Printed name Patrick J. Halloran								
Date 12/26/2007				Reg. No.		41,053			
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I hereby certify the sufficient postage the date shown b	e as first c	mespondence is b class mail in an en	eing facsi velope ad	mile transmitted to the US dressed to: Commissioner	PTO or depor	sited with the Ui P.O. Box 1450,	nited States Postal S Alexandria, VA 223	Service with 13-1450 on	
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Typed or printed name Patrick J. Halloran			n _			Date	12/26/2007		

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time with vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commence, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FECS OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1460, Alexandria, VA 22313-1450.

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65626 PATRICK J. HALLORAN, PH.D., J.D 3141 MUIRFIELD ROAD CENTER VALLEY, PA 18034 INTERNATIONAL APPLICATION NO.

PCT/US04/33145

LA. FILING DATE | PRIORITY DATE

10/06/2004 | 10/08/2003

CONFIRMATION NO. 8643 371 FORMALITIES LETTER



Date Mailed: 11/07/2007

## NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as an Elected Office (37 CFR 1.495):

- Priority Document
- Copy of the International Application filed on 04/06/2006
- Copy of the International Search Report filed on 04/06/2006
- Preliminary Amendments filed on 04/06/2006
- Biochémical Sequence Diskette filed on 05/07/2007
- Oath or Declaration filed on 05/07/2007
- Biochemical Sequence Listing filed on 05/07/2007
- U.S. Basic National Fees filed on 04/06/2006
- Priority Documents filed on 04/06/2006

The following items MUST be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the international application number and international filing date.
- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the international application number and international filing date. The current oath or declaration does not comply with 37 CFR 1.497(a) and (b) in that it:
  - is not executed in accordance with either 37 CFR 1.66 or 37 CFR 1.68.
  - EACH INVENTOR'S NAMES MUST APPEAR ON EACH OATH PROVIDED.

ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

Registered users of EFS-Web may alternatively submit their reply to this notice via EFS-Web. <a href="https://sportal.uspto.gov/authenticate/AuthenticateUserLocalEPF.html">https://sportal.uspto.gov/authenticate/AuthenticateUserLocalEPF.html</a>

page 1 of 2

FORM PCT/DO/EO/805 (371 Formalities Notice)

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If you are not using EFS-Web to submit your reply, you must include a copy of this notice.

ANITA D JOHNSON

Telephone: (703) 308-9140 EXT 226